

Hopi Arsenic Mitigation Project

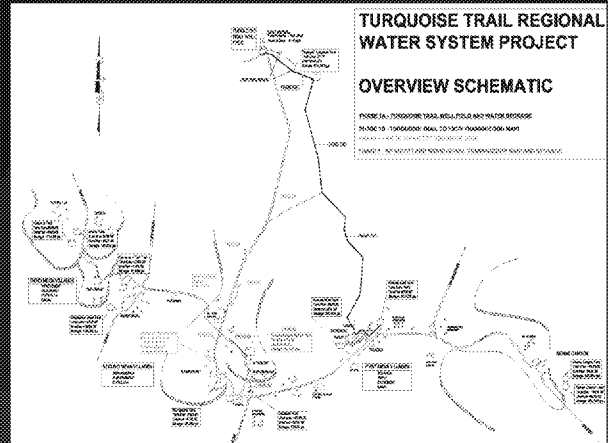
October 2, 2018

As 33
ARSENIC
74.92 5.72
817/28ATM 614



What is the HAMP?

- Proposed Rural Water System that will provide arsenic-compliant drinking water to four existing public water systems serving the villages of Shungopavi, Sipaulovi, Mishongnovi, and First Mesa Consolidated Villages (Polacca) serving a combined population of 6390.
- Has the ability to serve four additional public water systems that currently have elevated arsenic and have installed or are operating treatment plants (Hopi Cultural Center, BIA Keams Canyon, Hopi Jr/Sr High School, Second Mesa Day School) provided their owners (Tribe and BIA) pay for the connection.



Significant Milestones

- Since 2004, EPA and IHS have spent **\$3.5 Million** to construct the two Turquoise Trail Wells with arsenic levels ranging from 2.9-4.6 ppb, complete the preliminary engineering report and the environmental assessment (2014) for the proposed project.
- Project was stalled until 2017 when:
 - the Hopi Tribe chartered the Hopi Utility Corporation (HUC),
 - HUC Director was hired,
 - The Hopi Tribe committed \$1.1million toward the electrification of the Turquoise Trail Well field
 - HUC, Tribe and Villages entered into agreements supporting the HAMP and agreeing to increased user rates.
- In 2018, the IHS received 4x increase in infrastructure funding and was able to commit \$11M toward construction of the HAMP.



IHS and EPA have contributed a combined total of \$6.3 million (majority EPA dollars)

Total Remaining Construction Cost to
Complete Water System

\$19.1 Million

Tribal Contribution

\$1.1 Million

EPA FY18 Contribution

\$3 Million

IHS FY18 Contribution

\$11 Million

EPA Returned Funding to HAMP

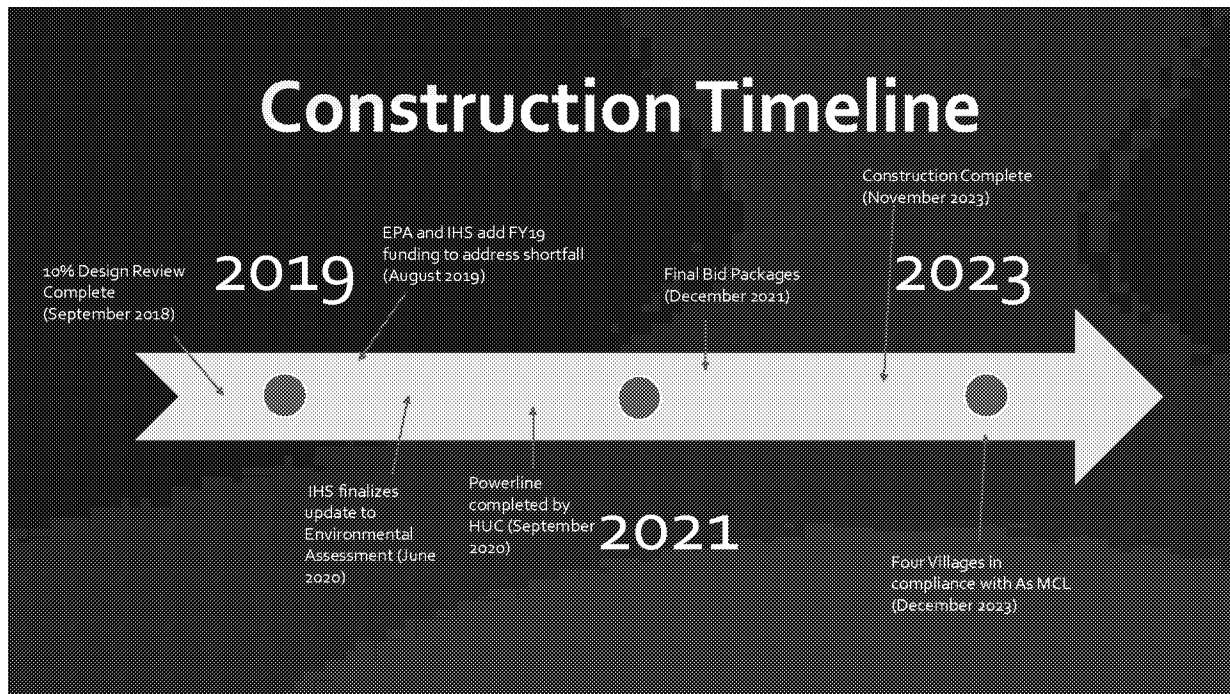
\$2.8 Million

EPA and IHS Combined FY19

Projected Funding Commitment

\$1.2 Million





IHS is revising PER to address USDA comments. Deliver to HUC by March 16, 2018
HUC will submit formal application to USDA for Funding April 1, 2018